

REMARKS

Claims 1-3, 6-9, and 21-26 are pending.

In the Final Office Action, claims 1-22 were rejected under 35 USC § 103(a) for being obvious in view of a Gilliom-Jeong-Gilliom combination. Applicants request withdrawal of this rejection for the following reasons.

The Jeong publication discloses a microwave oven.

The Gilliom 139 patent discloses a hole 66 in a stepped portion and a hole 33 adjacent the stepped portion. As shown in Figure 2, the air passing through hole 66 flows into a cavity. The air flowing through hole 33 passes into a burner box, where flame 65 is generated. However, hole 33 is not in alignment with a control panel, nor does air through hole 33 pass under a control panel to remove heat.

The Gilliom 229 patent discloses holes under an oven cavity. The holes appear to be under a set of knobs. (See Figure 1 and 3). However, air through those holes do not pass under the knobs or any other electronic components to remove heat.

Claim 1 has been amended to further distinguish the cited references. As amended, claim 1 recites the additional features of a front cover adjacent a front portion of the cavity, **(1)** an electrical component chamber provided beside the cavity and including a plurality of electrical components and **(2)** a control panel adjacent a front portion of the electrical component chamber. (See, for example, Figure 3 and corresponding portions of the specification for support). These features are not taught or suggested by the cited references. As shown in both

Gilliom patents, the controls of their ovens are not located beside (e.g., on a side of) the oven cavities. Rather, the controls are above their cavities.

Claim 1 has also been amended to recite:

(3) “the panel intake hole is in alignment with and located under the control panel, air through the panel intake hole passing under the control panel to remove heat, and

(4) “a size of the cavity intake hole is substantially equal to or larger than a size of the panel intake hole, the sizes of the cavity intake hole and panel intake hole set to prevent a foreign object larger than the cavity intake hole from passing into the electric component chamber through the panel intake hole. (See, for example, Figures 2 and 3 for support). These features are not taught or suggested by the cited references, whether taken alone or in combination.

Because the cited references do not teach or suggest features (1)-(4) added by amendment to claim 1, it is respectfully submitted that claim 1 is allowable over the cited combination. Furtherance of claim 1 and its dependent claims to allowance is respectfully requested.

Claim 21 recites a plurality of cavity intake holes, wherein each cavity intake hole has a size substantially equal to or larger than the panel intake hole. (See, for example, Figures 2 and 3 for support). These features are not taught or suggested by the cited references, whether taken alone or in combination.

Claim 22 recites that the plurality of cavity intake holes are arranged in a single row across a front surface of the stepped portion. (See, for example, Figures 2 and 3 for support). These

features are not taught or suggested by the cited references, whether taken alone or in combination.

The remaining § 103 rejection is traversed on grounds that the White patent does not teach or suggest the features of claim 1 missing from the Gilliom and Jeong references.

That is, claim 23 recites “a plurality of panel intake holes, where each of the panel intake holes has a size substantially equal to or smaller than the plurality of cavity intake holes.” (See, for example, Figures 2 and 3 for support). These features are not taught or suggested by the cited references, whether taken alone or in combination.

Claim 24 recites that “the plurality of panel intake holes are located in alignment with and under the control panel.” (See, for example, Figures 2 and 3 for support). These features are not taught or suggested by the cited references, whether taken alone or in combination.

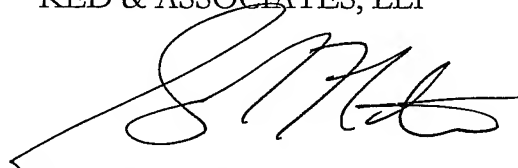
Claim 25 recites that “the plurality of panel intake holes are arranged in multiple rows, and the plurality of cavity intake holes are arranged in a single row.” (See, for example, Figures 2 and 3 for support). These features are not taught or suggested by the cited references, whether taken alone or in combination.

Claim 26 recites that “two of the panel intake holes are adjacent a same one of the cavity intake holes.” (See, for example, Figures 2 and 3 for support). These features are not taught or suggested by the cited references, whether taken alone or in combination.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and timely allowance of the application is respectfully requested.

To the extent necessary, a petition for an extension of time under 37 CFR §1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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